ABSTRACT

A method for the production of aluminum hydroxide includes the steps of suspending aluminum hydroxide obtained by the Bayer process in a sodium aluminate solution to obtain slurry and elevating a temperature of the slurry from 60°C or less to 90°C or more. The aluminum hydroxide has an average particle diameter *D* in a range of 1 to 10 μm, a BET specific surface area *S* of 1.5 m^2/g or less, a degree of aggregation *D/Dbet* of less than 3, wherein *Dbet* stands for a particle diameter calculated by spherical approximation from the BET specific surface area *S* as $Dbet = 6(S \times \rho)$, in which ρ denotes a specific gravity of the aluminum hydroxide, and a content of particles having diameters exceeding 20 μm that is 0.5% or less by mass. A composition that contains the aluminum hydroxide as filler, can be formed.